PTO/SB/033 (08-03)

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INFORMATION DISCLOSURE	Filing Date	July 18, 2003	
STATEMENT BY APPLICANT	First Named Inventor	Richard Slater	
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Examiner Initials*	Cite No.	Document Number Number-Kind Code ^{2 (d known)}	Publication Da MM-DD-YYY		Name of Patento dicant of Cited De		Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	ıt
M		US-5,206,874	04-27-1	993		~		_
		US-5,390,211	02-14-1	_				
al		us- 5,561,550	10-01-1					
TIL		us- 6.052.218	04-18-2			-		
1W		^{US-} 6,215,807	04-10-2		4			
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STATEMENT BY APPLICANT		First Named Inventor	Richard C. Slater			
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			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (I known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M		US- 3,824,487	07/16/1974	Buczek et al.	
Coy		^{US-} 4,833,683	05/23/1989	Ury et al.	
UN		US- 5,390,211	02/14/1995	Clark et al.	
Out		us- 5,457,707	10/10/1995	Sobey et al.	
en		us- 5,557,630	09/17/1996	Michael J. Scaggs	
EN.		us- 5,936,993	08/10/1999	Opower et al.	
UN.		US- 5,943,358	08/24/1999	Allik et al.	\
CAL		US- 6,101,022	08/08/2000	Chen et al.	
er		^{US-} 2001/0028672	10/11/2001	Yanagisawa et al.	
CA		^{US-} 6,310,715	10/30/2001	Gerald T. Moore	
M		US- 2002/0172253	11/21/2002	Jan Vetrovec	ht
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	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3-Number 4-Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T®				
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Substitute for	r form 1449B/PTO				Complete if Known
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	RMATION DI			Filing Date	July 18, 2003
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· ·		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
«Mr		APOLLONOV ET AL., "Phase-locking of the 2D structures," Journal of Optical Society of America, Optical Society of America, Vol. 4 (No. 1), (January 4, 1999).	
Ar.		SANDIA NATIONAL LABORATORIES, "Periodically Twinned GaAs Crystals Yield Tunable, Long-Wavelength Infrared Laser Beam," Vol. 23 (No. 4), p. 3-4, (July 2001).	
M		MUDGE ET AL., "High-power Nd:YAG lasers using stable-unstable resonators," Institute of Physics Publishing, IOP Publishing Ltd. (UK), p. 1783-1792, (March 18, 2002).	
		HONG JIN KONG, "Feasibility Study of the High Power Laser System with Beam Combination Method Using Phase Conjugation Mirrors of Stimulated Brillouin Scattering for Generating an Ultra High Power Output with High Repetition Rate over 10 Hz."	
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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